

**BioReady High Sensitivity Gold Conjugation Kit for Lateral Flow, 150 nm Gold Nanoshells**
**Product Number: GSZR150-10M / GSZR150-10MC      Kit Lot Number: SXV0175\_BJB0279**

Item	Amount	Storage	Lot #	
<b>Buffer exchange / desalting column</b> <i>Note: column and housing tubes packaged together</i>	Column, 10 kDa, in housing tube	1 column in 1 tube	2–25°C	Millipore REF: UFC501096 LOT: 0000176384
	Additional housing tube	1 tube	2–25°C	Millipore LOT: 0000176384
<b>Desalting buffer for antibody, 10 mM potassium phosphate</b>	10 mL	2–25°C	JLC0222	
<b>150 nm Gold Nanoshells, Carboxyl, BioReady, 20 OD</b>	10 mL	2–8°C	BJB0279	
<b>Potassium phosphate reaction buffer</b> 5 mM potassium phosphate, 0.5% PEG 20 kDa, pH 7.4.	50 mL	2–25°C	JLC0266	
<b>Sodium phosphate reaction buffer</b> 5 mM sodium phosphate, 0.5% PEG 20 kDa, pH 7.4.	50 mL	2–25°C	JLC0267	
<b>PBS reaction buffer stock, 50x</b> 0.5x PBS, 25% PEG 20 kDa. Dilute prior to use.	1 mL	2–25°C	JAW0116	
<b>10 mL PETG reagent bottle, empty (for dilution of 50x PBS reaction buffer)</b> Formulation will be 0.01x PBS, 0.5% PEG 20 kDa pH 7.4 upon dilution to 1x.	1 each	2–25°C	N/A	
<b>EDC &amp; Sulfo-NHS set, 10 mg aliquot of each. Single use only.</b>	EDC	3 sets	2–8°C	SXV0173
	Sulfo-NHS			SXV0174
<b>Hydroxylamine quencher</b>	100 µL	2–25°C	SXV0172	
<b>NCX block buffer</b> 4 mM sodium tetraborate, 1% BSA, 0.05% sodium azide, pH 8.2	5 mL	2–8°C	JLC0118	
<b>NCX conjugate diluent</b> 0.5x PBS, 0.5% BSA, 0.5% casein, 1% Tween 20, 0.05 % azide pH 8	10 mL	2–8°C	JLC0254	
<b>1.5 mL microcentrifuge tubes, LabCon® SuperSpin™</b>	20 each	2–25°C	LabCon REF# 3016-870-000-9 LOT: 047C2-046B	
<b>NCX lateral flow running buffer</b> 1x PBS, 1% Tween 20 pH 7.4	10 mL	2–25°C	JLC0292	
<b>High Sensitivity Conjugation Kit product guide</b>	1 each	2–25°C	Published March 2023	